

October 27, 2011

TO ALL CONSULTANTS:

RE: New Jersey Turnpike Authority
Main Bridge Inspection Program
Qualifications of Key Personnel

Dear Consultant:

The New Jersey Turnpike Authority is responsible for the inspection and structural integrity of more than 1,000 routine and major complex bridge structures, to comply with the federally mandated National Bridge Inspection Standards (NBIS), as described in the Code of Federal Regulations (CFR) Part 650 – Bridges, Structures and Hydraulics. The original inventory consisted of about 500 bridges on the New Jersey Turnpike, which included 7 large complex bridges designated as major crossings. Following the consolidation of the New Jersey Turnpike Authority and New Jersey Highway Authority in July 2003, the inventory nearly doubled to its current total, to account for about 500 bridges on the Garden State Parkway including 10 large complex bridges designated as major crossings. Additional infrastructure which are inspected regularly include sign structures, culverts, antenna towers and high mast light towers. Specialty inspections, such as fracture critical member (FCM) and underwater inspections, are also required for select bridges in the Authority's inventory. The Authority's inventory continues to expand with the rollout of new bridges and ancillary structures being built under the New Jersey Turnpike Interchange 6 to 9 Widening Program and the Garden State Parkway Milepost 30 to 80 Widening Program.

The New Jersey Turnpike Authority requires that all Project Managers and Team Leaders who are proposed to work on Turnpike and Parkway bridge inspection assignments meet the qualifications of NBIS as follows.

The **Project Manager** shall meet either of the following sets of qualifications:

1. Registered Professional Engineer in the United States (preferably in New Jersey) with a minimum of 5 years of NBIS bridge inspection experience; and successful completion of NHI Course No. 130053 - Bridge Inspection Refresher Training or NHI Course No. 130055 – Safety Inspection of In-Service Bridges within the last 5 years.

OR

2. Graduate Civil Engineer (BSCE) with a minimum of 10 years of NBIS bridge inspection experience; and successful completion of NHI Course No. 130053 – Bridge Inspection Refresher Training or NHI Course No. 130055 – Safety Inspection of In-Service Bridges within the last 5 years.

Team Leaders shall meet either of the following sets of qualifications:

1. Registered Professional Engineer with a minimum of 3 years of NBIS bridge inspection experience; and successful completion of NHI Course No. 130055 – Safety Inspection of In-Service Bridges, which is required to be taken only once; and successful completion of NHI Course No. 130053 – Bridge Inspection Refresher Training every five years following completion of NHI Course No. 130055.

OR

2. Graduate Engineer with a minimum of 5 years of NBIS bridge inspection experience; and successful completion of NHI Course No. 130055 – Safety Inspection of In-Service Bridges, which is required to be taken only once; and successful completion of NHI Course No. 130053 – Bridge Inspection Refresher Training every five years following completion of NHI Course No. 130055.

Key personnel performing Specialty Inspections of the Turnpike and Parkway structures inventory shall meet additional qualifications which are summarized as follows.

Team Leaders performing FCM Inspections shall have successfully completed NHI Course No. 130078 – Fracture Critical Inspection Techniques for Steel Bridges within the last 5 years.

Bridge Inspection Divers performing Underwater Inspections shall have successfully completed NHI Course No. 130091 – Underwater Bridge Inspection within the last 5 years.

Team Leaders performing Sign and Ancillary Structure Inspections shall have successfully completed NHI Course No. 130087 – Inspection and Maintenance of Ancillary Highway Structures within the last 5 years.

All of the above key personnel requirements shall apply on a prospective basis, for 2012 and future Authority inspection assignments.

The above referenced NHI Courses are being hosted on a regular basis by New Jersey Department of Transportation in Trenton, New Jersey, as well as other regional agencies. Specific information regarding NHI course dates, locations and registration may be obtained from the National Highway Institute at www.nhi.fhwa.dot.gov.

Please be advised that consultants and subconsultants proposing key personnel without the necessary qualifications will not be considered for the Authority's Main Bridge Inspection Program. In addition, consultants and subconsultants performing bridge inspection work over

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active railroad lines (NJ Transit, Amtrak, Conrail, CSX, Norfolk Southern, Shared Assets, etc.) shall have their Project Manager, Team Leaders and Inspectors complete safety training as required by the respective outside agency.

Should you have any questions on the above bridge inspection key personnel qualification requirements, please contact W. Scott Johnsen, Senior Supervising Engineer, Structures at (732) 750-5300, Extension 8232.

Very truly yours,

ORIGINAL SIGNED BY:

Richard J. Raczynski, P.E.
Chief Engineer

RJR:JHL:ms

cc: Robert J. Fischer
W. Scott Johnsen
William Wilson
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